

FIG. 1

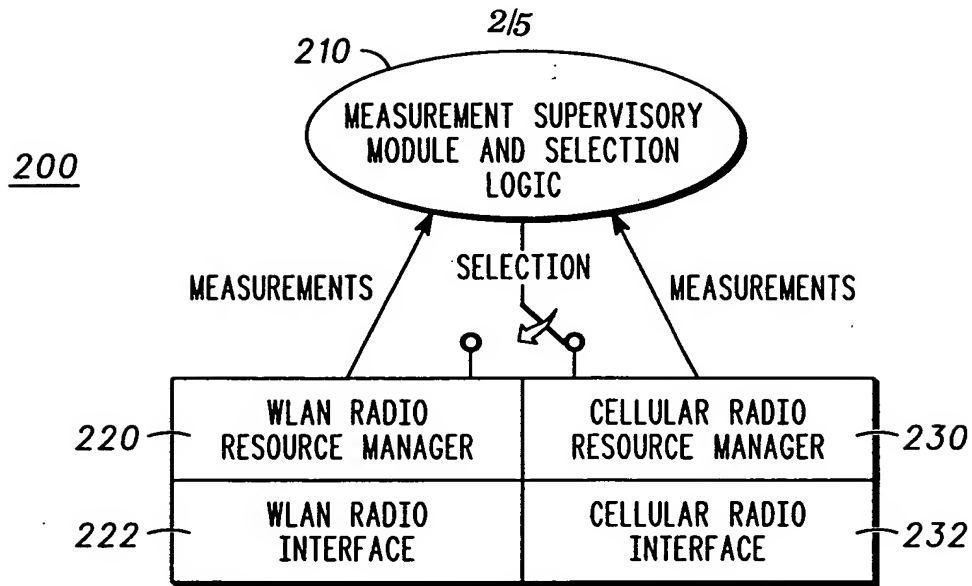


FIG. 2

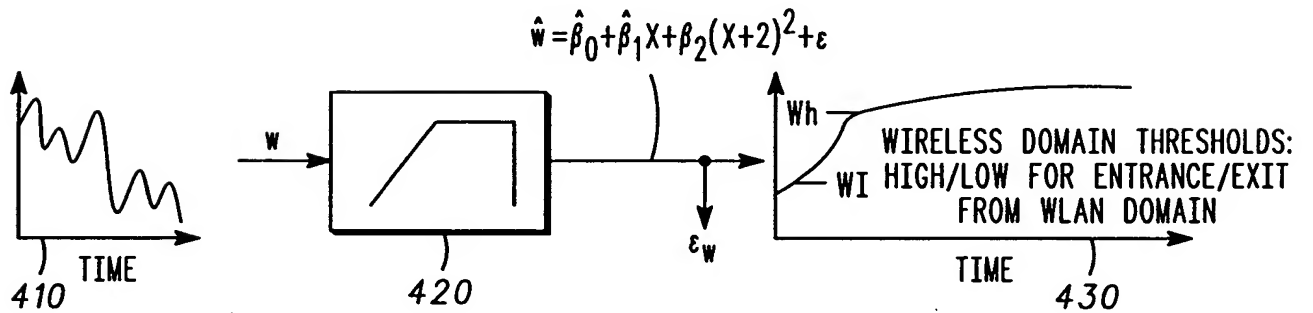


FIG. 4

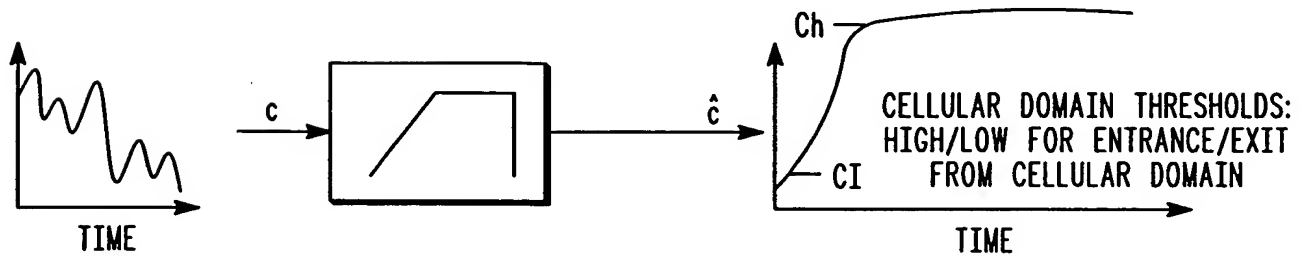
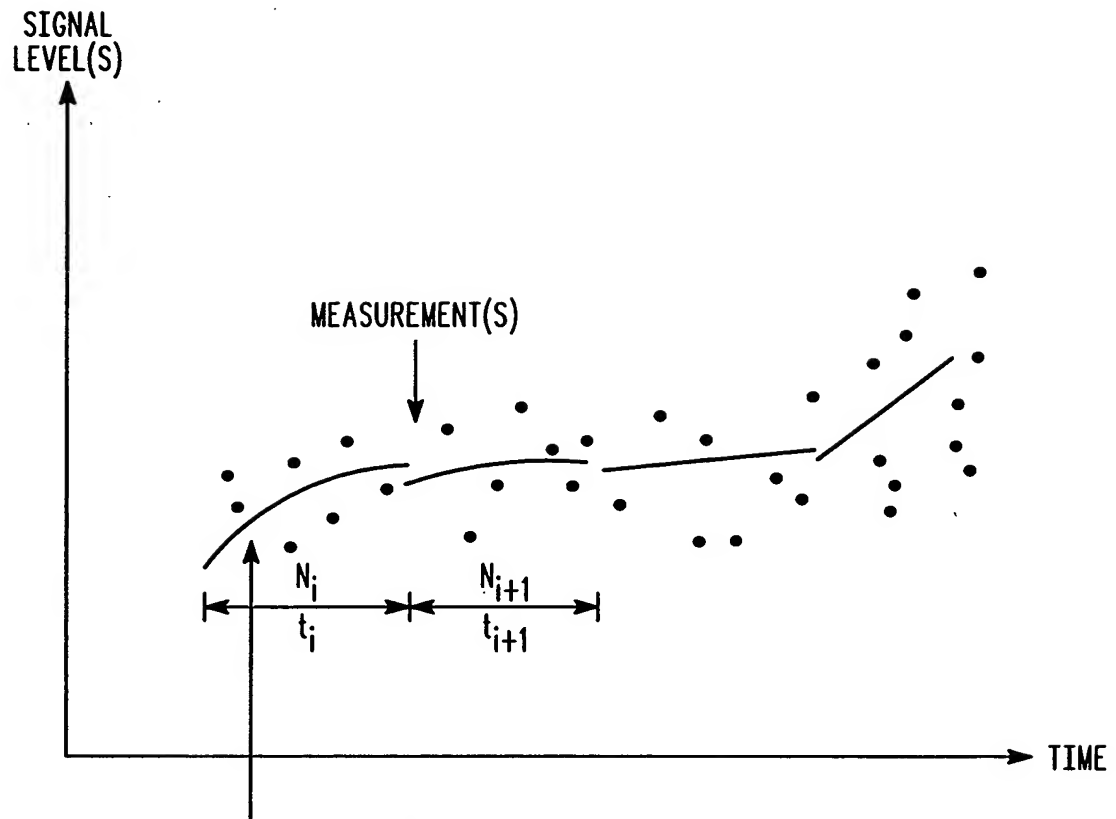


FIG. 5



REGRESSION OF WINDOW LENGTH N
VALUE OF REGRESSION,

$$\hat{y} = \hat{\beta}_0 + \hat{\beta}_1 S + \hat{\beta}_2 (S+2)^2 + \varepsilon$$

ε = ROOT OF MEAN SQUARE
ERROR OF MEASUREMENTS
FROM REGRESSION LINE,

$$\sqrt{(s_i - y_i)^2}$$

FIG. 3

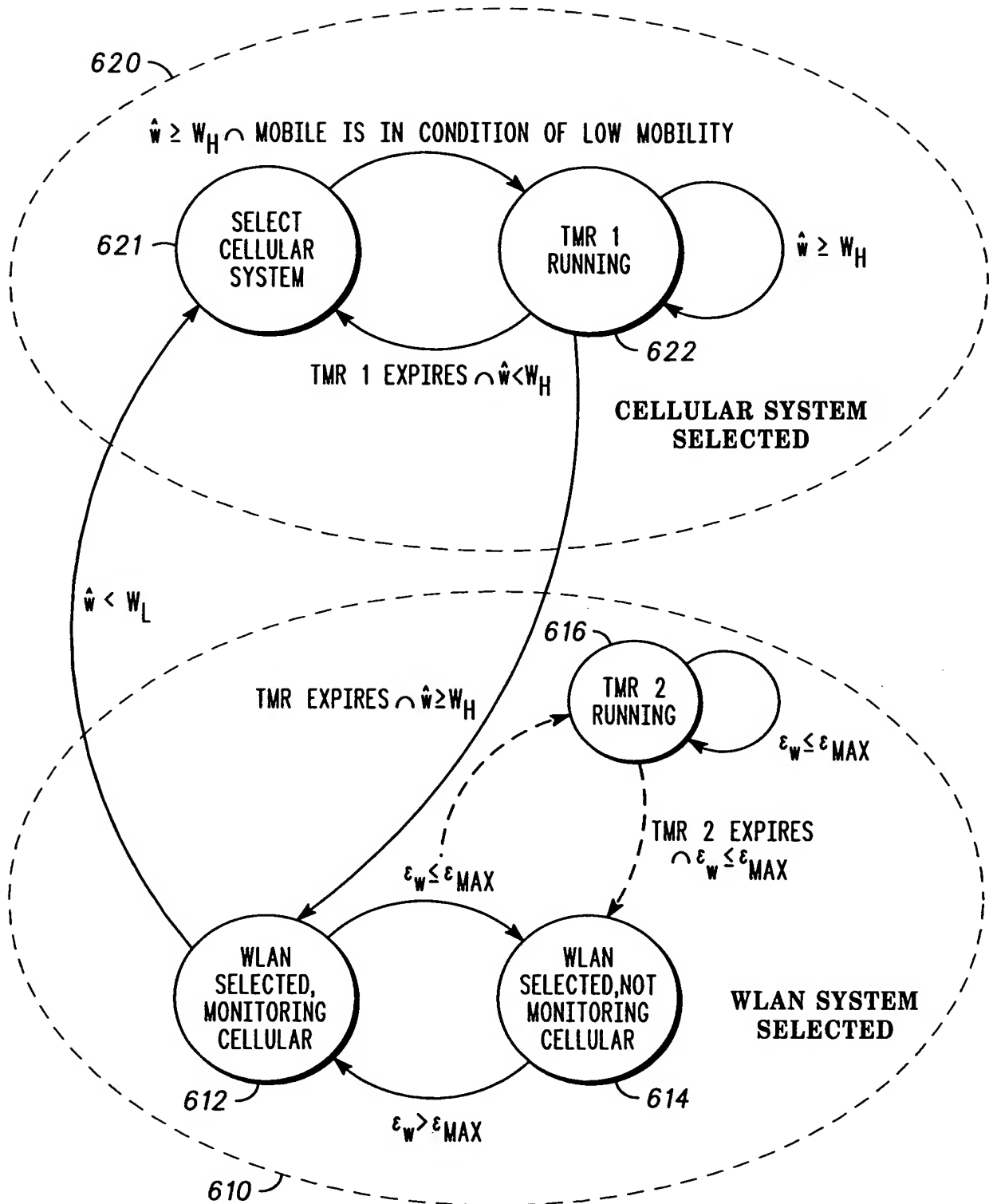


FIG. 6

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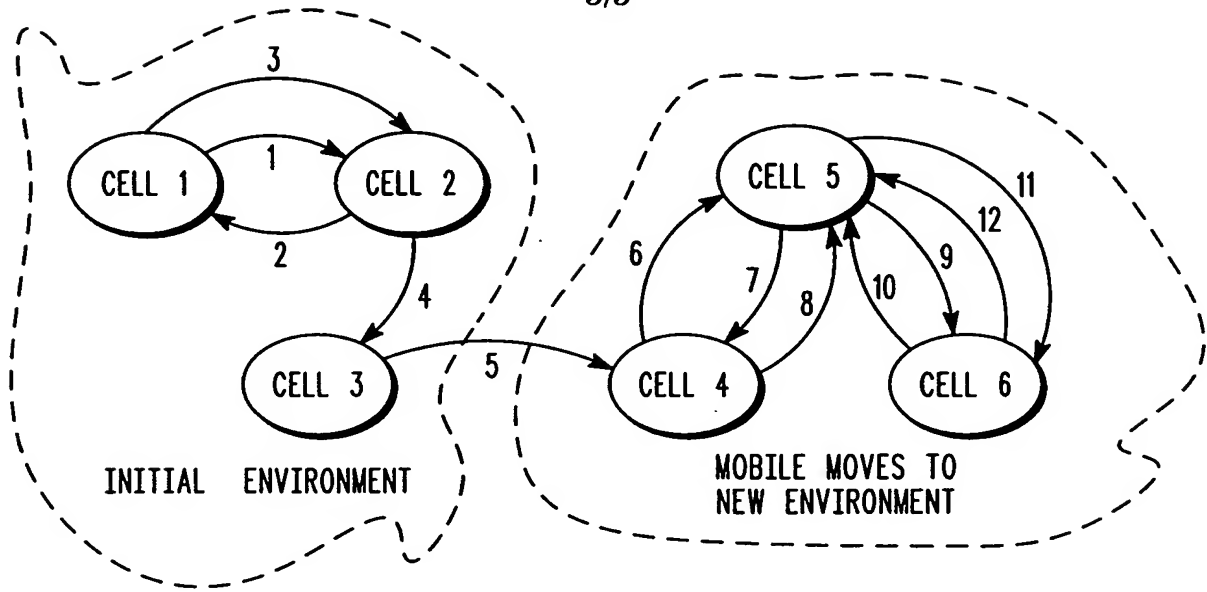


FIG. 7

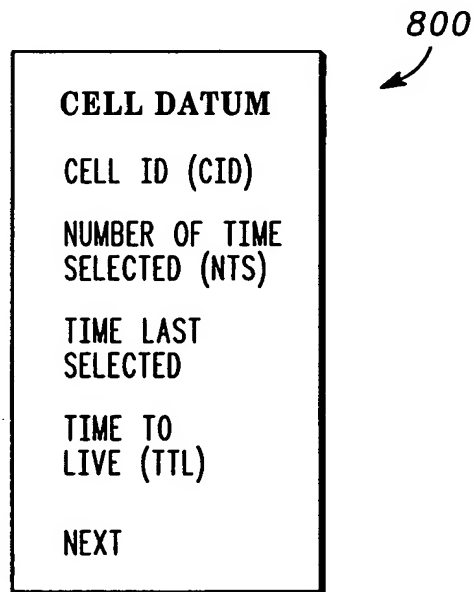


FIG. 8



FIG. 9